

Cheng Li

List of Publications by Year in descending order

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27
papers

1,133
citations

394421

19
h-index

526287

27
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27
all docs

27
docs citations

27
times ranked

1416
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct magnetic resonance detection of myelin and prospects for quantitative imaging of myelin density. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 9605-9610.	7.1	149
2	Volumetric Cortical Bone Porosity Assessment with MR Imaging: Validation and Clinical Feasibility. Radiology, 2015, 276, 526-535.	7.3	99
3	Olfactory Dysfunction in Multiple Sclerosis: Relation to Plaque Load in Inferior Frontal and Temporal Lobes. Annals of the New York Academy of Sciences, 1998, 855, 781-786.	3.8	88
4	Quantifying cortical bone water <i>in vivo</i> by three-dimensional ultra-short echo-time MRI. NMR in Biomedicine, 2011, 24, 855-864.	2.8	74
5	Cortical Bone Water Concentration: Dependence of MR Imaging Measures on Age and Pore Volume Fraction. Radiology, 2014, 272, 796-806.	7.3	72
6	In vivo venous blood T_1 measurement using inversion recovery true-FISP in children and adults. Magnetic Resonance in Medicine, 2010, 64, 1140-1147.	3.0	69
7	Combined measurement of perfusion, venous oxygen saturation, and skeletal muscle T_2^* during reactive hyperemia in the leg. Journal of Cardiovascular Magnetic Resonance, 2013, 15, 70.	3.3	51
8	Pulse sequence programming in a dynamic visual environment: SequenceTree. Magnetic Resonance in Medicine, 2016, 75, 257-265.	3.0	50
9	Soft tissue osteochondroma. Skeletal Radiology, 1989, 18, 435-437.	2.0	45
10	Comparison of optimized soft-tissue suppression schemes for ultrashort echo time MRI. Magnetic Resonance in Medicine, 2012, 68, 680-689.	3.0	43
11	Towards quantification of myelin by solid-state MRI of the lipid matrix protons. NeuroImage, 2017, 163, 358-367.	4.2	40
12	Bone mineral ^{31}P and matrix-bound water densities measured by solid-state ^{31}P and ^1H MRI. NMR in Biomedicine, 2014, 27, 739-748.	2.8	38
13	Accuracy of the cylinder approximation for susceptometric measurement of intravascular oxygen saturation. Magnetic Resonance in Medicine, 2012, 67, 808-813.	3.0	37
14	Feasibility of assessing bone matrix and mineral properties in vivo by combined solid-state ^1H and ^{31}P MRI. PLoS ONE, 2017, 12, e0173995.	2.5	36
15	Correction of Excitation Profile in Zero Echo Time (ZTE) Imaging Using Quadratic Phase-Modulated RF Pulse Excitation and Iterative Reconstruction. IEEE Transactions on Medical Imaging, 2014, 33, 961-969.	8.9	31
16	Comparison of MRI methods for measuring whole-brain venous oxygen saturation. Magnetic Resonance in Medicine, 2015, 73, 2122-2128.	3.0	26
17	Quantification of arterial cerebral blood volume using multiphase-balanced SSFP-based ASL. Magnetic Resonance in Medicine, 2012, 68, 130-139.	3.0	24
18	Time-Resolved MRI Oximetry for Quantifying CMRO ₂ and Vascular Reactivity. Academic Radiology, 2014, 21, 207-214.	2.5	24

#	ARTICLE	IF	CITATIONS
19	Nontriggered MRI quantification of aortic pulse-wave velocity. <i>Magnetic Resonance in Medicine</i> , 2011, 65, 750-755.	3.0	23
20	Selective in vivo bone imaging with long T ₂ suppressed PETRA MRI. <i>Magnetic Resonance in Medicine</i> , 2017, 77, 989-997.	3.0	20
21	³¹ P NMR relaxation of cortical bone mineral at multiple magnetic field strengths and levels of demineralization. <i>NMR in Biomedicine</i> , 2013, 26, 1158-1166.	2.8	18
22	A Surrogate Measure of Cortical Bone Matrix Density by Long T2-Suppressed MRI. <i>Journal of Bone and Mineral Research</i> , 2015, 30, 2229-2238.	2.8	17
23	Quantitative CMR markers of impaired vascular reactivity associated with age and peripheral artery disease. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2013, 15, 17.	3.3	16
24	Method for Rapid MRI Quantification of Global Cerebral Metabolic Rate of Oxygen. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 1616-1622.	4.3	15
25	Non-triggered quantification of central and peripheral pulse-wave velocity. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2011, 13, 81.	3.3	11
26	An internal reference model-based PRF temperature mapping method with Cramer-Rao lower bound noise performance analysis. <i>Magnetic Resonance in Medicine</i> , 2009, 62, 1251-1260.	3.0	10
27	Model-based PRFS thermometry using fat as the internal reference and the extended Prony algorithm for model fitting. <i>Magnetic Resonance Imaging</i> , 2010, 28, 418-426.	1.8	7